PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

SHIMIZU, Hisayoshi Idemitsu Nagahori Building, 4-26, Minamisemba 3-chome Chuo-ku, Osaka-shi Osaka 542-0081 Japan



Date of mailing (day/month/year) 10 November 2004 (10.11.2004)	受 付	
Applicant's or agent's file reference PA-04031/PCT	IMPORTANT NOTIFICATION	
International application No. PCT/JP2004/011331	International filing date (day/month/year) 30 July 2004 (30.07.2004)	
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 31 July 2003 (31.07.2003)	

SHOWA DENKO K.K. et al

- By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- (If applicable) The letters "NR" appearing in the right-hand column denote a priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- (If applicable) An asterisk(*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b) (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	Priority application No.	Country or regional Office or PCT receiving Office	Date of receipt of priority document
31 July 2003 (31.07.2003) 06 Augu 2003 (06.08.2003) 26 July 2004 (26.07.2004)	2003-284440 60/492,735 2004-216903	US	15 Octo 2004 (15.10.2004) 15 Octo 2004 (15.10.2004) 15 Octo 2004 (15.10.2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Yoshiko KUWAHARA (Fax 338 9090
Facsimile No. (41-22) 338.90.90	Telephone No. (41-22) 338 9176

INTERNATIONALSEARCHREPORT

International application No. PCT/JP 2004/011331

A. CLASSIFICATIONOFSUBJECTMATTER								
Int.Cl' B21J 5/08, 9/06								
According to International Patent Classification (IPC) or to both national classification and IPC								
	DS SEARCHED		•					
	ocumentation searched (classification system followed b							
Int.Cl ⁷ B21J 1/00 - 13/14, 17/00 - 19/04, B21K 1/00 - 31/00								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004								
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)								
	•							
C DOCU	MENTS CONSIDERED TO BE RELEVANT							
	Citation of document, with indication, where	on a second seco	Relevant to claim No.					
Category*	Citation of document, with indication, where s	appropriate, or the resevant passages	Relevant to claim No.					
X A	JP 9-253782 A (MATSUMOTO E LTD) 1997.09.30, the whole none)		1-4,9-19 5-8					
X A	WO 93/17808 A (ENKOTEC A/S whole document & JP 7-5067		1-4,9-19 5-8					
A	JP 59-130641 A (YUSA AKIRA whole document (Family: no		1-19					
A	JP 61-60236 A (K.K. NAKURA 1986.03.27, the whole docu		1-19					
A	JP 62-34642 A (OSAKA DENKI the whole document (Family	, ,	1-19					
P,X	JP 2003-290862 A (TSUKIBOS 2003.10.14, the whole docu	· · · · · · · · · · · · · · · · · · ·	1-4,9-19 5-8					
Further	r documents are listed in the continuation of Box C.	See patent family annex.						
'A" docume	Special categories of cited documents: A" document defining the general state of the art which is not considered to be of particular relevance "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention							
national	application or patent but published on or after the inter- filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone						
is cited t	nt which may throw doubts on priority claim(s) or which to establish the publication date of another citation or other reason (as specified)	• • • • • • • • • • • • • • • • • • •	claimed invention cannot					
means	nt referring to an oral disclosure, use, exhibition or other	combined with one or more other combination being obvious to a perso	r such documents, such i					
P" document than the	nt published prior to the international filing date but later priority date claimed	"&" document member of the same paten	t family					
Date of the ac	ctual completion of the international search	Date of mailing of the international search report						
24.11.2004		14.12.2004						
Vame and ma	ailing address of the ISA/JP	Authorized officer	3P 8614					
J	apan Patent Office	KANAZAWA TOSHIO						
3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		Telephone No. +81-3-3581-1101 Ext. 3363						